August 2012
900593-001 Rev. 01

FRU Installation Notes

Crossover Box

Applicability

This document is applicable to the components or categories listed below:

- ☐ Software
- ☑ Electrical
- ☐ Mechanical
- ☐ Packaging

About This Document

This document is intended for Operators of TouchTunes Virtuo SmartJukes, TouchTunes Field Service, Customer Support, and Sales personnel.

It explains how to install the Crossover Box (FRU) (p/n 700282-001) in Virtuo SmartJukes.

Required Tools and Equipment

To perform this installation, the following tools and equipment are required:

- Phillips head screwdriver.

Important Safety Information

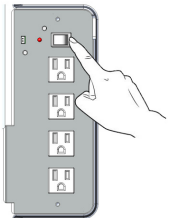
WARNING: When performing this procedure or any other maintenance on your jukebox, the unit must be powered off and its electrical power disconnected.

Included in This Kit

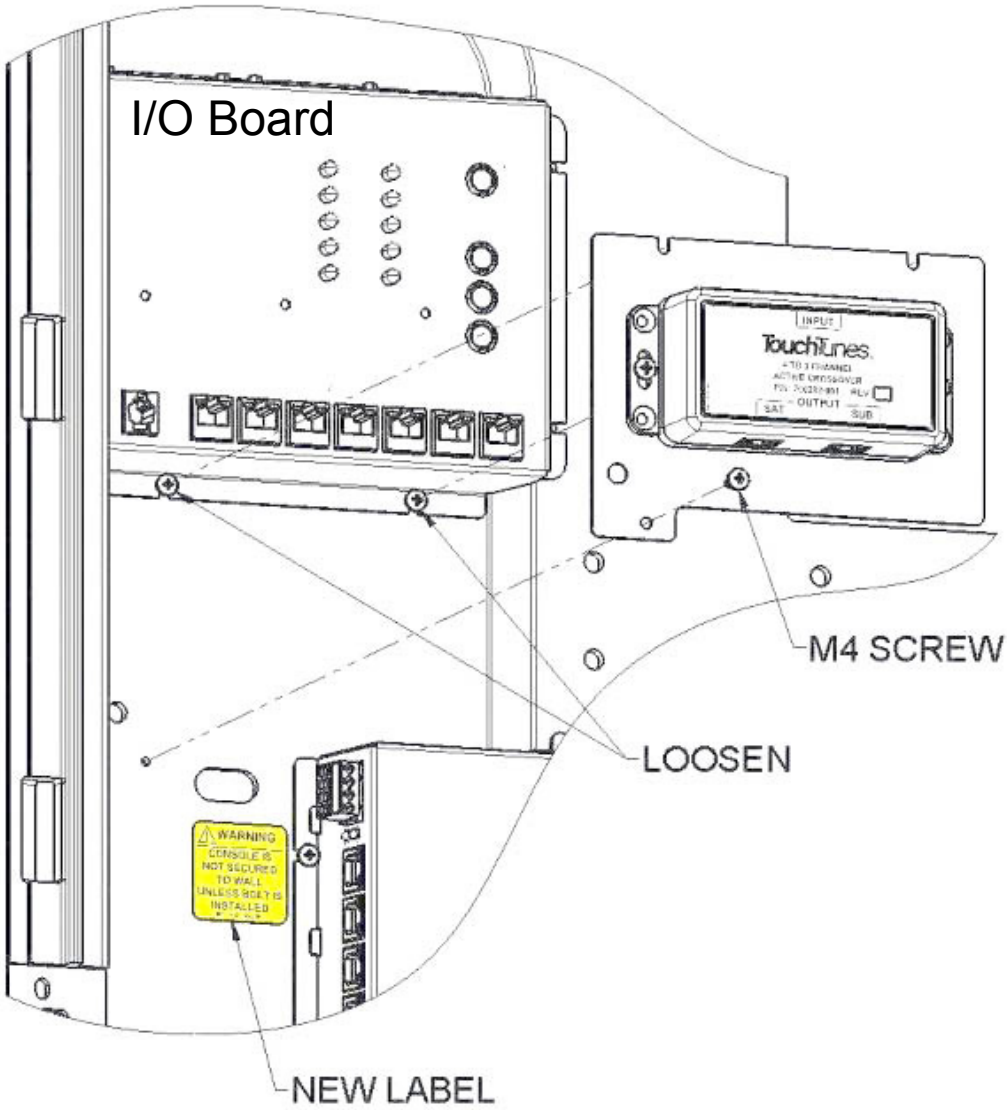
Ensure that you have received all the required parts before proceeding with this installation.

Part	Amount	TouchTunes Part #
Crossover Box, pre-mounted to bracket	1	600164-001
CAT-5 cable with RJ-45 connectors, 12”	1	300142-012
Screw, Machine, Philips, Pan Head, M4x8mm, Zinc plated	1	200020-008
Warning label		900177-001
This document	1	900593-001 Rev.01

Installing the crossover box

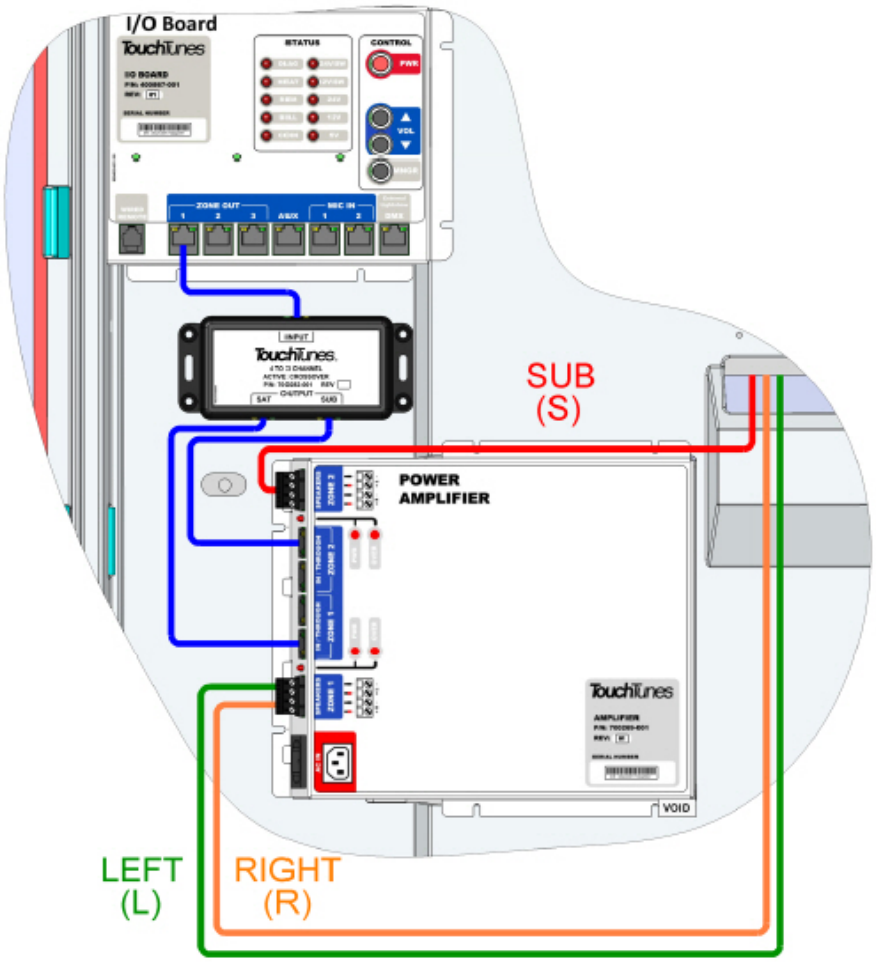


1. Open the Virtuo door.
2. Power down Virtuo by setting the rocker switch on the power strip to the **OFF (O)** position.
3. In the Virtuo, disconnect the audio CAT-5 cables from the I/O board Zones 1 and 2.
4. Loosen the two lower screws from the I/O board enclosure.
5. Insert the crossover bracket under the I/O board screws and fasten the lower left corner with the M4 screw (included in the kit).



6. Tighten the I/O board screws.
7. Install the replacement warning label under the Virtuo mounting slot (included in the kit).
8. Attach the 12 inch CAT-5 cable (included in the kit) to Zone 1 of the I/O board and to the input of the crossover.

9. Attach the audio CAT-5 cables according to the diagram below.



You have now completed installation of the Crossover Box.

Contacting TouchTunes Support

If you need help with or have questions about this document, contact TouchTunes by:

- Using the email links on the Contacts page on the TouchTunes Dashboard at https://operator.touchtunes.com.
- Calling TouchTunes 24/7 Service Hotline at 847-353-1954.

To help us assist you more effectively with problem reports, the following information may be required when contacting TouchTunes Support:

- SmartJuke ID.
- The serial number of any component you believe to be defective.
- The date/time of the problem.
- Actions performed immediately before the problem occurred.

TouchTunes Interactive Networks, Inc.	**TouchTunes Interactive Networks, Inc.**	**Technical Support**
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